Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-55. (Cancelled)

56. (Currently Amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers exhibit anti-bacterial properties at temperatures above 200°C;

said anti-bacterial compound is selected from the group consisting of: silver derivatives, phenoxyhalogenate derivatives with transporters, permetrine derivatives, isothiazolinone derivatives, tetraalkylamone silicons, organozinc compounds, zirconium phosphates, sodium, triazine, oxazolidines, isotiazolines, hermiformals, ureides, isocyanates, chlorine

derivatives, formaldehydes, and carbendazime,

said fibers are selected from the group consisting of:

a) natural polymer chemical fibers which have or have not been modified,

b) synthetic polymer chemical fibers,

c) glass fibers,

d) carbon fibers,

e) other fibrous materials,

f) bicomponents, and

g) polycomponents

said filter is further defined as being constructed of at least two layers of non-woven fabrics so as to form a sandwich of layers ~~as a sandwich~~; wherein said sandwich of layers is ~~formed from~~ a mixture of non-woven fabrics;

wherein the filter eliminates Legionella Pneumophila.

57. (Previously Amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial

compound so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers exhibit anti-bacterial properties at temperatures above 200°C;

said anti-bacterial compound is selected from the group consisting of: silver derivatives, phenoxyhalogenate derivatives with transporters, permetrine derivatives, isothiazolinone derivatives, tetraalkylamone silicons, organozinc compounds, zirconium phosphates, sodium, triazine, oxazolidines, isotiazolines, hermiformals, ureides, isocyanates, chlorine derivatives, formaldehydes, and carbendazime,

said fibers are selected from the group consisting of:

a) natural polymer chemical fibers which have or have not been modified,

b) synthetic polymer chemical fibers,

c) glass fibers,

d) carbon fibers,

e) other fibrous materials,

f) bicomponents, and

g) polycomponents

said filter is further defined as being constructed from a non-woven fabric and a component selected from the group consisting of polypropylene, polyethylene, polyester, glass fiber, steel, aluminum and foam supports;

wherein the filter eliminates Legionella Pneumophila.

58. (Currently Amended) The filter of claim 56 further comprising:

a biocidal compound, 1-bromo-3-chloro-5.5-dimethyldantoin ~~1-bromo-3-chloro-5.5-dimethyldantion~~.

59. (Previously Presented) The filter of claim 56 wherein the antibacterial compound selected from the group is Triclosan (2.4.4'-trichloro-2'-hydroxyphenyl ether).

60. (Currently Amended) The filter of claim 57 further comprising:

the biocidal compound, 1-bromo-3-chloro-5.5-dimethyldantoin ~~1-bromo-3-chloro-5.5-dimethyldantion~~.

61. (Previously Presented) The filter of claim 57 wherein the antibacterial compound selected from the group is Triclosan (2.4.4'-trichloro-2'-hydroxyphenyl ether).

62. (Previously Presented) The filter of claim 56 wherein said fiber is a synthetic polymer chemical fiber.

63. (Previously Presented) The filter of claim 56 wherein said synthetic polymer chemical fiber is polypropylene.

64. (Previously Presented) The filter of claim 57 wherein said fiber is a synthetic polymer chemical fiber.

65. (Previously Presented) The filter of claim 57 wherein said synthetic polymer chemical fiber is polypropylene.

66. (Currently Amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound and a biocide so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers exhibit anti-bacterial properties at temperatures above 200°C;

said anti-bacterial compound is Triclosan (2.4.4'-trichloro-2'-hydroxyphenyl ether);

said biocide is 1-bromo-3-chloro-5.5-dimethyldantoin ~~1-~~

~~bromo-3-chloro-5.5-dimethyldantion~~,

said fibers are synthetic polymer chemical fibers;

said filter is further defined as being constructed of at least two layers of non-woven fabrics so as to form a sandwich of layers ~~as a sandwich~~; wherein said sandwich of layers is ~~formed from~~ a mixture of non-woven fabrics;

wherein the filter eliminates Legionella Pneumophila.

67. (Previously Presented) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers exhibit anti-bacterial properties at temperatures above 200°C;

said anti-bacterial compound is Triclosan (2.4.4'-trichloro-2'-hydroxyphenyl ether);

said fibers are synthetic polymer chemical fibers;

said filter is further defined as being constructed from a non-woven fabric and a component selected from the group

consisting of polypropylene, polyethylene, polyester, glass fiber, steel, aluminum and foam supports;

wherein the filter eliminates Legionella Pneumophila.

68. (Previously Presented) A filter of claim 56 wherein said sandwich further includes a non woven fabric support.

69. (New) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation of claim 56 wherein:

said fibers are of:

- a range of deniers from 0.02 to 1,500 deniers;
- a cross section selected from the group consisting of:

  circular, square, elliptical, hollow, trilobal, flat and similar;

- a length in the range of 0.1mm to 500mm or continuous filaments;
- a weight of 5 to 2,500 grams;
- a fusion point of 60° C to 450° C; and
- a color from translucent white to black and any combinations thereof.